

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claims 1-25 (Canceled).

26. (Previously Presented) A method of manufacturing a fluid vaporizing device comprising the steps of: (a) providing a fluid passage in a body, the fluid passage having an inlet opening and an outlet opening; and, (b) forming a tubular heater by depositing a thin resistive film inside said fluid passage such that the film lines all or part of the length of the passage; the heater being operable to volatilize fluid in the passage by passing an electrical current through the film; wherein the depositing step comprises a process chosen from the group consisting of: thermally decomposing a metal salt deposited in the passage in solution to a thin resistive metal film; heating a metal powder deposited in the passage in suspension or emulsion; reduction of a metal oxide deposited within the passage in a suspension or emulsion; coating the passage with resistive ink; electrolessly depositing of one or more layers of metal; and, vapor depositing a metal by electrically heating a wire threaded through the passage.

27. (Previously Presented) The method of Claim 26, wherein the depositing step comprises introducing a metal in solution, suspension, or dispersion in the flow passage thereby depositing metal on the interior of the passage.

28. (Previously Presented) The method of Claim 26, wherein the depositing step comprises introducing a solution containing a platinum salt into the fluid passage, thereby depositing platinum lining all or a part of the length of the passage, and heating the deposited platinum.

29. (Previously Presented) The method of Claim 26, further comprising the step of forming conductive contacts electrically connecting the exterior of the body to the interior of the passage; the contacts being operable to supply an electrical current to the heater and wherein the contacts may be formed before, after, or concurrently with the formation of the heater.

30. (Previously Presented) The method of Claim 26, wherein the depositing step comprises: (a) coating the interior of the passage with a layer of metal powder, salt, or oxide in solution, suspension, or dispersion; and, (b) heating the layer to a temperature sufficient to convert the layer to a thin metal film.

31. (Previously Presented) The method of Claim 26, wherein the depositing step comprises: (a) depositing material by coating of the interior of the passage with a metal salt solution; and, (b) heating the passage to a temperature sufficient to reduce the deposited material to a thin metal film.

Claims 32-37 (Canceled).